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SPEC SHEET

XD5-40II Series

4-inch Direct Thermal and
Thermal Transfer Desktop Label Printers



XD5-40IId



XD5-40IIt

Print Characteristics

Print Method
XD5-40IId: Direct Thermal
XD5-40IIt: Thermal Transfer or Direct Thermal
Print Speed
XD5-40IId: Up to 8 ips (203 mm/sec)
XD5-43IId: Up to 6 ips (152 mm/sec)
XD5-40IIt: Up to 8 ips (203 mm/sec)
XD5-43IIt: Up to 6 ips (152 mm/sec)
Print Resolution
XD5-40II: 203 dpi
XD5-43II: 300 dpi
Print Width
XD5-40II: Up to 108 mm
XD5-43II: Up to 105.7 mm
Print Length
Up to 1,000 mm
Sensor
Transmissive (Fixed),
Reflective (Adjustable), Head Open,
Ribbon-End (XD5-40IIt / XD5-40IItR only)

Media Characteristics

Media Type
Gap, Black Mark, Notch, Continuous, Fan-Fold
Media Width
15 to 118 mm
Media Roll Diameter
Up to 127 mm
Media Thickness
0.06 to 0.20 mm
Supply Method
Easy Paper Loading
Inner Core
25.4 to 38.1 mm

Ribbon Characteristics

Ribbon Type
Wax, Wax/Resin, Resin, Outside
Ribbon Width
33 to 110 mm
Ribbon Length
Up to 300 m
Core Inner Diameter
25.4 mm, 12.7 mm

Physical Characteristics

Dimensions (W x L x H)
XD5-40IId: 194 x 248 x 169 mm
(7.64 x 9.76 x 6.65 inch)
XD5-40IIt: 210 x 284 x 188 mm
(8.3 x 11.2 x 7.4 inch)
Weight
XD5-40IId: 2.01 kg (4.43 lbs.)
XD5-40IIt: 2.48 kg (5.46 lbs.)
Electrical
EnergyStar® Certified,
External Power Adapter 100-240 VAC, 50/60 Hz
XD5-40IId-H, XD5-40IIt-H:
IEC 60601-1 Certified Power Adapter
Display
XD5-40IId & XD5-40IIt
Standard: None
Optional: FSTN LCD (200 x 100 pixels)
XD5-40IItR, XD5-40IId-H, XD5-40IIt-H
Standard: FSTN LCD (200 x 100 pixels)

Performance

Memory
512 MB SDRAM, 512 MB Flash
Interface
XD5-40IId, XD5-40IIt
Standard: USB + USB Host
Optional: ① USB + USB Host + Serial + Ethernet
② USB + USB Host + Serial + Ethernet + WLAN
③ USB + USB Host + Serial + Ethernet + Bluetooth®
XD5-40IItR, XD5-40IId-H, XD5-40IIt-H
Standard: USB + USB Host + Serial + Ethernet
Optional: ① USB + USB Host + Serial + Ethernet + WLAN
② USB + USB Host + Serial + Ethernet + Bluetooth

WLAN: 2.4G/5GHz, 802.11a/b/g/n (Infrastructure, Ad-hoc, Wi-Fi Direct, SoftAP) - WEP40/104, WPA1/2 (PSK, EAP)
Ethernet: 10/100Mbps
Real Time Clock
Supported (Optional)

Environment Characteristics

Temperature
Operating: 0 to 41°C (32 to 105°F)
Storage: -40 to 60°C (-40 to 140°F)
Humidity
Operating: 10 to 85% RH (Non-condensing)
Storage: 5 to 95% RH

Software

Emulation
SLCS™, BPL-Z™ (ZPL II®), BPL-E™ (EPL™), BPL-D™ (DPL), XML
Driver/Utility
Windows® Driver (Europlus/Seagull), Linux®/macOS® CUPS Driver, Virtual COM USB/Ethernet Driver, BIXOLON Utility, OPOS/JPOS Driver, Device Driver for SAP®, Network Auto Installer
Developer Tools
Android™/iOS®/Windows SDK, Linux SDK Xamarin® SDK, Web Print SDK, XI(Optional), Cordova™ Plugin, MAUI SDK, Flutter™ Plugin, React Native® SDK
Design & Print
Label Artist-II™, Label Artist™ Web, Label Artist™ Mobile (Android, iOS), mPrint App (Android, iOS), Bartender® Ultralite for BIXOLON
MDM (Optional)
BIXOLON Profile Manager - XPM™, XCM (Windows, Android)

Fonts/Graphics/Symbologies

Fonts
Bitmap Fonts (10 SLCS, 16 BPL-Z, 5 BPL-E, 9 BPL-D), Scalable Fonts (1 SLCS, 1 BPL-Z, 1 BPL-D), 23 Code page, Unicode supported (UTF-8, UTF-16LE, UTF-16BE)
Downloadable Objects
Supporting user-defined fonts (TTF, TTE, FNT), graphics, formats and logos
Barcode Symbologies
1D: Codabar, Code 11, Code 39, Code 93, Code 128, EAN-13, EAN-8, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Plessey, Postnet, GS1 DataBar (RSS-14), Standard 2-of-5, UPC/EAN extensions, UPC-A, UPC-E, IMB, ISBT-128
2D: Aztec, Codablock, Code 49, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR code, TLC 39

Accessories/Supplies

Included in the Box
AC/DC Adapter, Power Cord, USB Cable
XD5-40IIt, XD5-40IItR, XD5-40IIt-H:
Holder Ribbon x 2,
Core Paper (0.5-inch, 1-inch)
Options & Accessories
Peeler, Auto Cutter,
External Paper Supply, Serial Cable
Compatible Supplies
B-ribbon™, B-band™

RFID

Frequency
UHF, 865 to 928 MHz
Transmit Power
1W
Modulation
ASK
Protocol
ISO 18000-63 (EPC Class1 Gen2V2)
Auto Cutter
Optional
Tag Pitch
Min 16 mm

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September 2026